



Product Evaluation

DR237 | 1114

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-237

Effective Date: November 1, 2014

Re-evaluation Date: August 2017

Product Name: Series 311/312/378 Vinyl Sliding Glass Doors, New Construction, Non-impact Resistant

Manufacturer: Atrium Windows & Doors
9001 Ambassador Row
Dallas, TX 75247
(214) 637-2696

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 311/312 Vinyl Sliding Glass Door; OX	SD-R30 75 x 96	+30 / -30 psf
2	Series 311/312 Vinyl Sliding Glass Door; OX	SD-R35 71 x 80	+35 / -35 psf
3	Series 378 Vinyl Sliding Glass Door; OX	SD-R35 72 x 82	+35 / -35 psf

Product Dimensions:

System	Overall Size	Operating Panel Size	Fixed Panel Glass Daylight Opening Size
1	74-3/4" x 95-1/2"	38-1/2" x 93-3/16"	33-5/8" x 88-3/16"
2	70-3/4" x 79-1/2"	36-1/2" x 77-3/16"	31-9/16" x 72-3/8"
3	72" x 82"	37-1/8" x 79-11/16"	32-1/4" x 75"

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-1
	Product Name	311/312 SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ADW-8
	Product Name	378 SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Approximately 2" from each corner and 10" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.
2, 3	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Approximately 2" from each corner and 8" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall-framing members.

Note: The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.